

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102188.D
 Acq On : 18 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1144-05DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-5DL

Quant Time: Jan 18 10:11:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

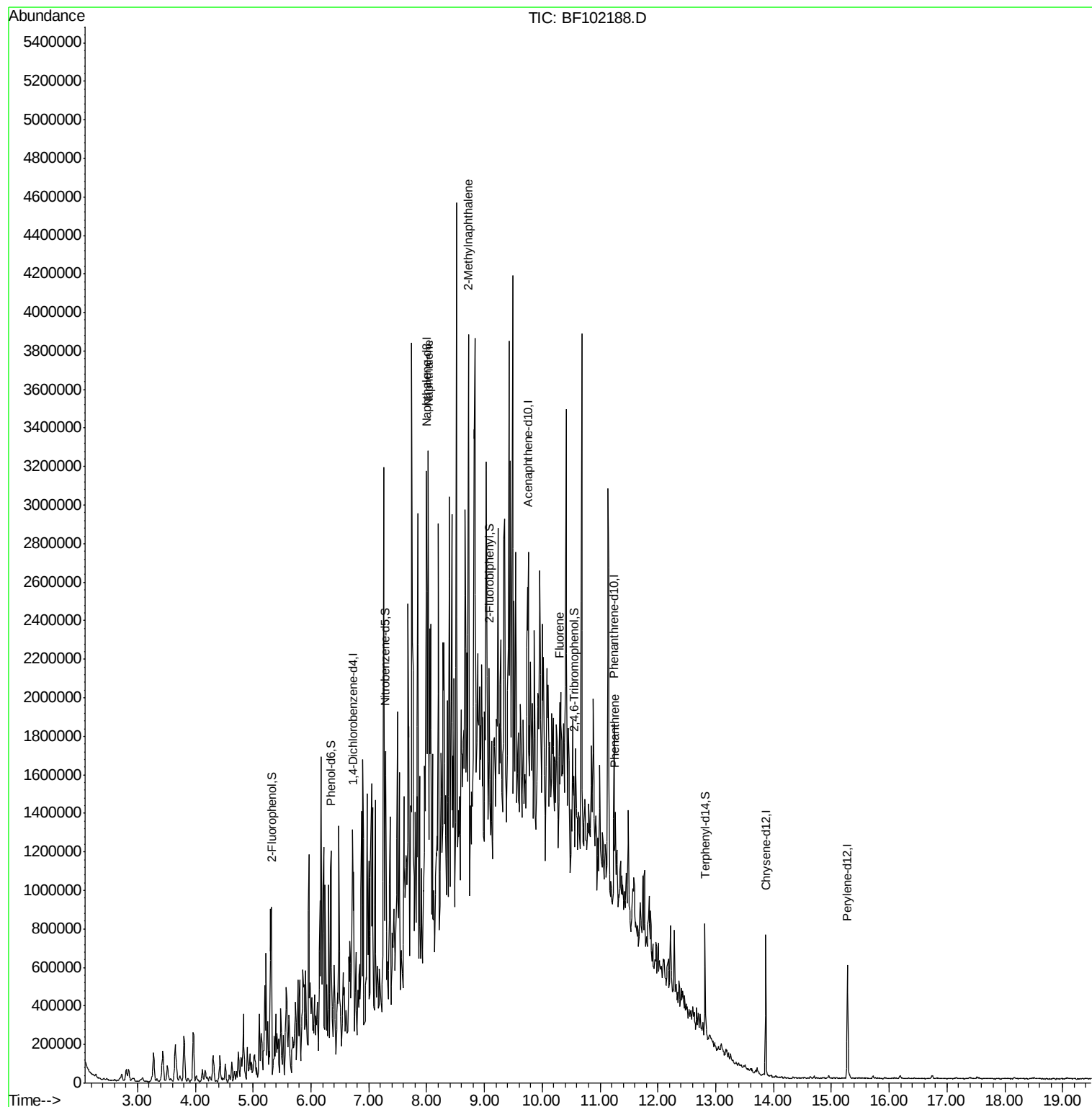
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140430	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	500771	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	210070	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	293954	20.00	ng	0.00
75) Chrysene-d12	13.86	240	242892	20.00	ng	-0.01
86) Perylene-d12	15.28	264	241255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	211838	21.30	ng	0.00
7) Phenol-d6	6.35	99	247593	20.87	ng	-0.01
23) Nitrobenzene-d5	7.28	82	153755	18.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	32090	17.50	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	253137	18.83	ng	0.00
78) Terphenyl-d14	12.82	244	158363	13.54	ng	-0.01
Target Compounds						
31) Naphthalene	8.03	128	654200	26.144	ng	Qvalue # 96
37) 2-Methylnaphthalene	8.72	142	855581	51.938	ng	98
57) Fluorene	10.30	166	86372	6.564	ng	# 82
70) Phenanthrene	11.26	178	146424	8.527	ng	97

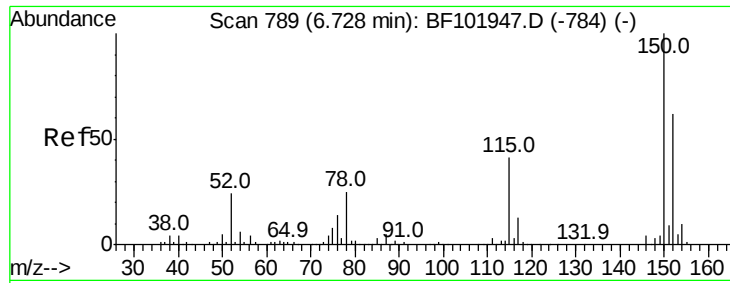
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102188.D
Acq On : 18 Jan 2018 9:29
Operator : SJ/JU
Sample : J1144-05DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IGW-5DL

Quant Time: Jan 18 10:11:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



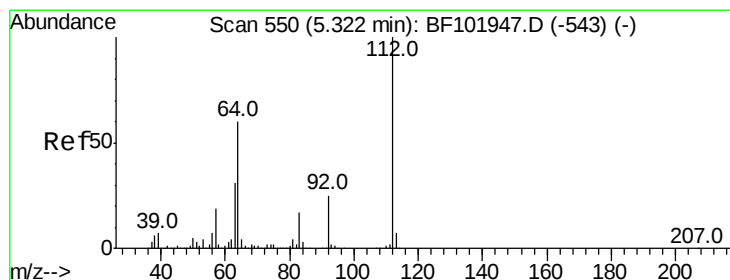
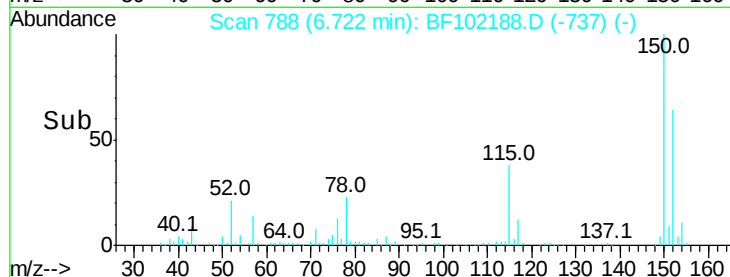
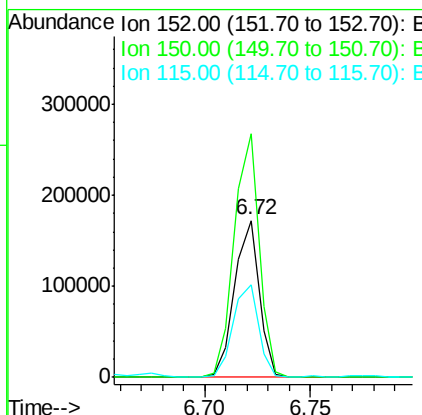
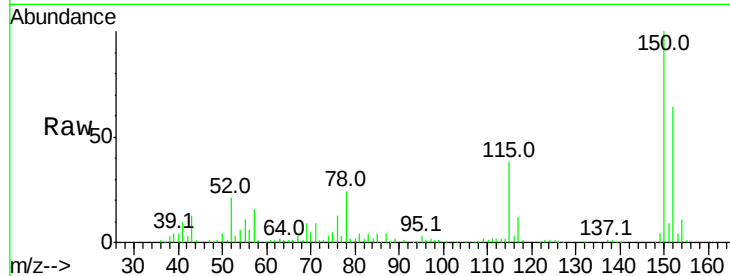


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF102188.D
 Acq: 18 Jan 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 IGW-5DL

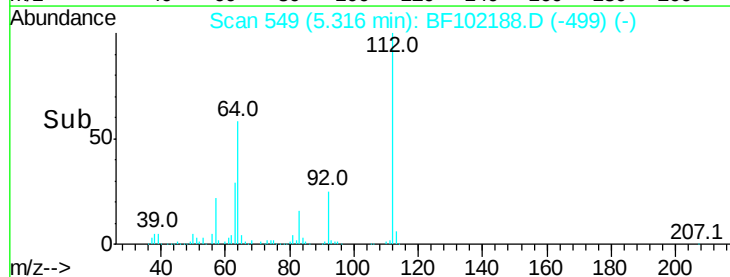
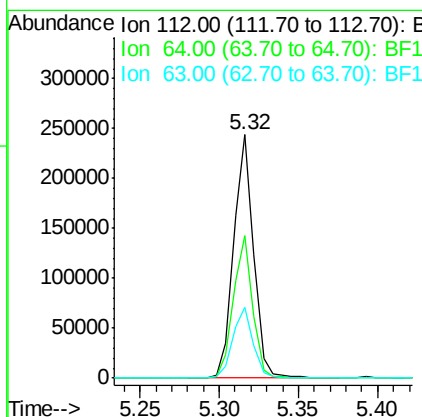
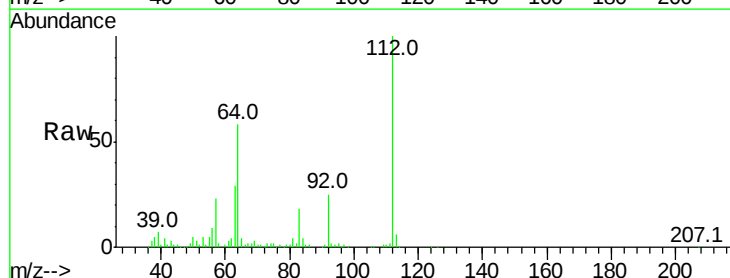
Tot Ion:152 Resp: 140430
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 59.2 50.1 75.1

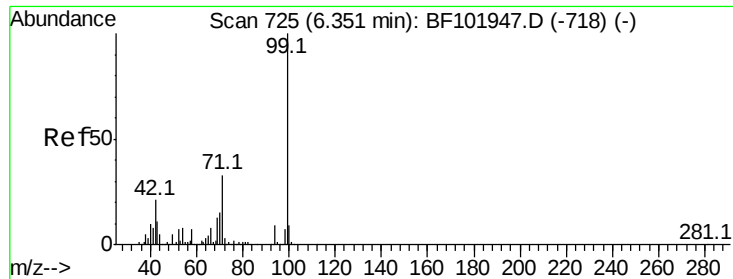


#5

2-Fluorophenol
 Concen: 21.301 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF102188.D
 Acq: 18 Jan 2018 9:29

Tgt Ion:112 Resp: 211838
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.9 71.9
 63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 20.867 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102188.D

Acq: 18 Jan 2018 9:29

Instrument :

BNA_F

ClientSampleId :

IGW-5DL

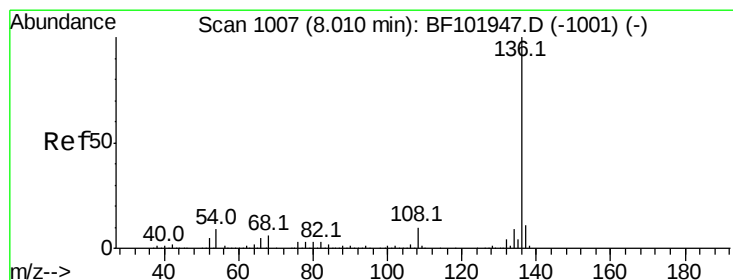
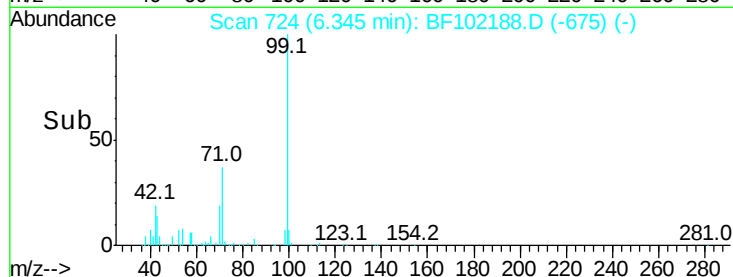
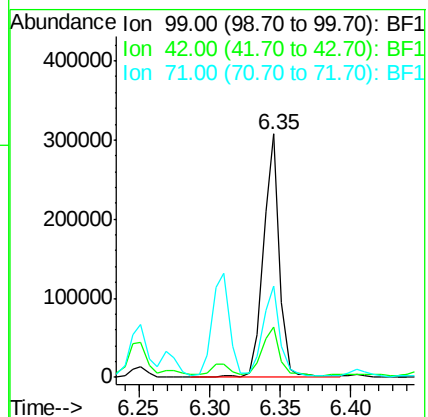
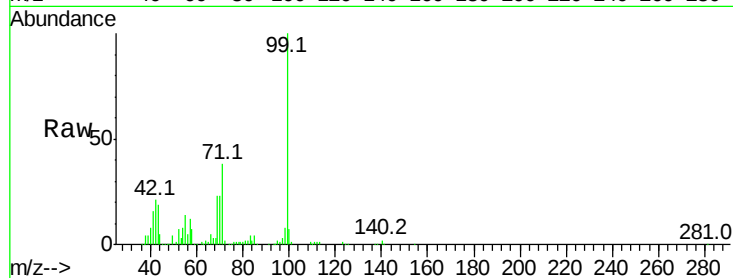
Tot Ion: 99 Resp: 247593

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 37.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102188.D

Acq: 18 Jan 2018 9:29

Tgt Ion: 136 Resp: 500771

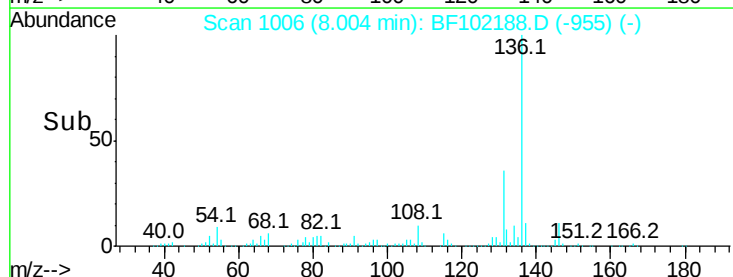
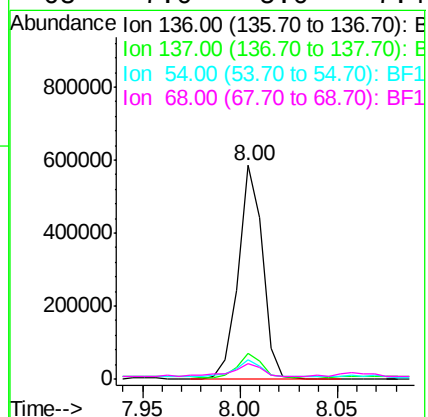
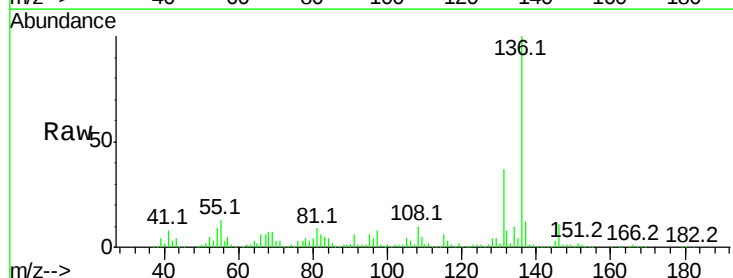
Ion Ratio Lower Upper

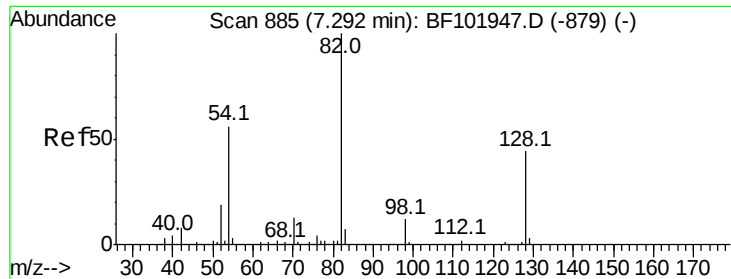
136 100

137 12.0 8.9 13.3

54 9.2 6.6 9.8

68 7.0 5.0 7.4

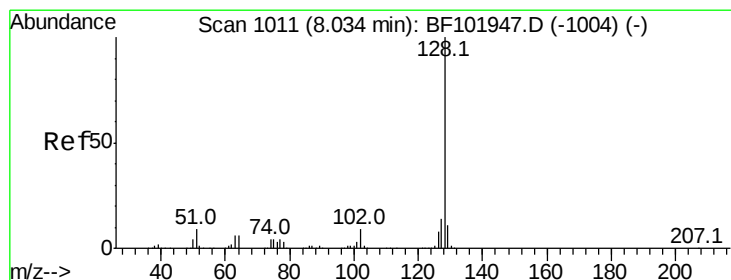
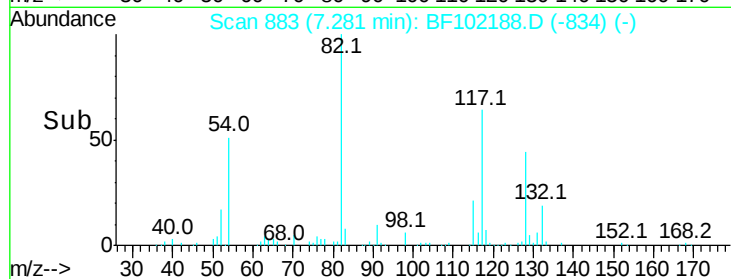
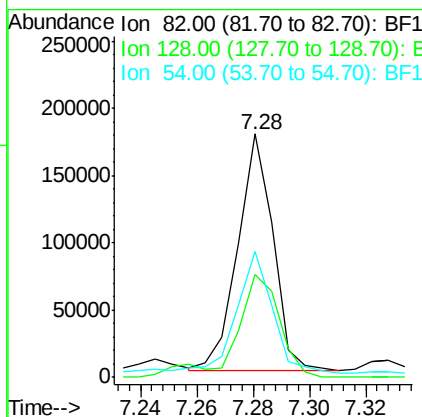
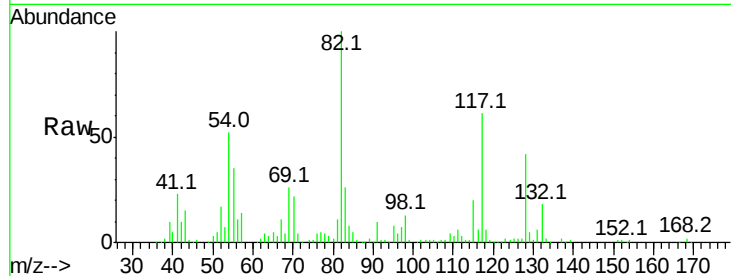




#23
 Nitrobenzene-d5
 Concen: 18.043 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102188.D
 Acq: 18 Jan 2018 9:29

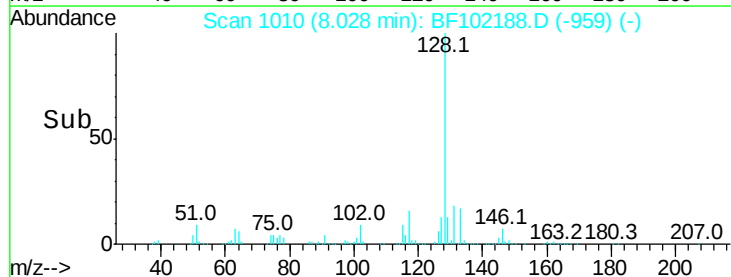
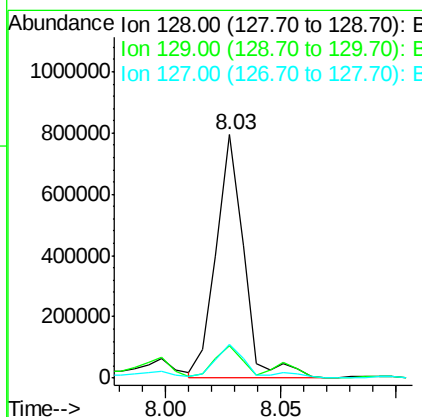
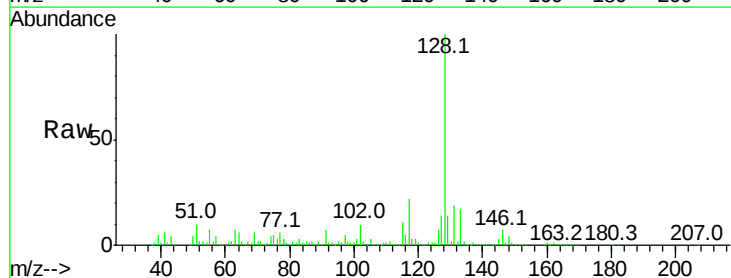
Instrument :
 BNA_F
 ClientSampled :
 IGW-5DL

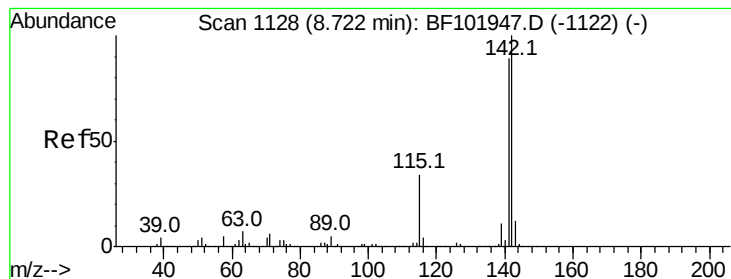
Tot Ion	82	Resp	153755
Ion Ratio	Lower	Upper	
82	100		
128	42.0	36.1	54.1
54	51.7	41.4	62.2



#31
 Naphthalene
 Concen: 26.144 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF102188.D
 Acq: 18 Jan 2018 9:29

Tgt Ion	128	Resp	654200
Ion Ratio	Lower	Upper	
128	100		
129	13.6	8.8	13.2#
127	14.0	10.9	16.3

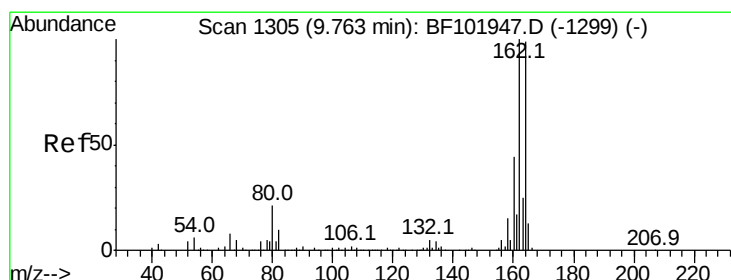
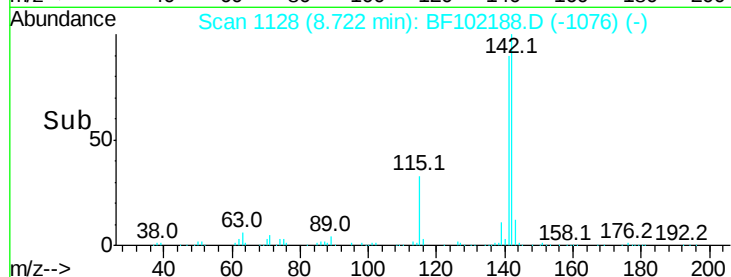
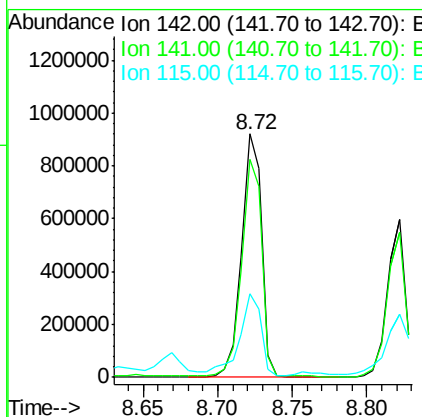
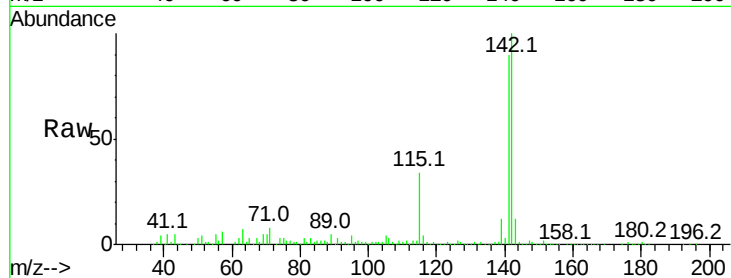




#37
2-Methylnaphthalene
Concen: 51.938 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

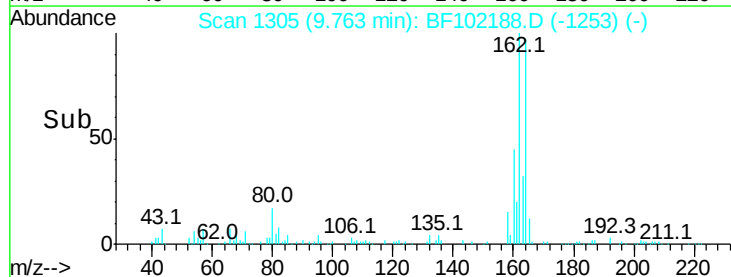
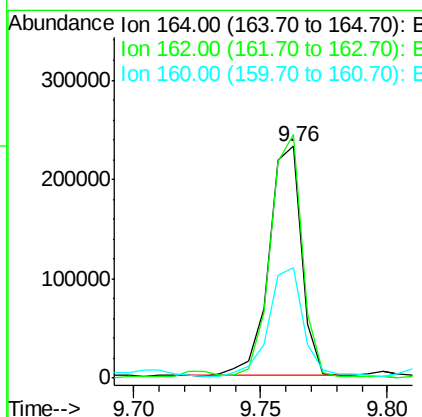
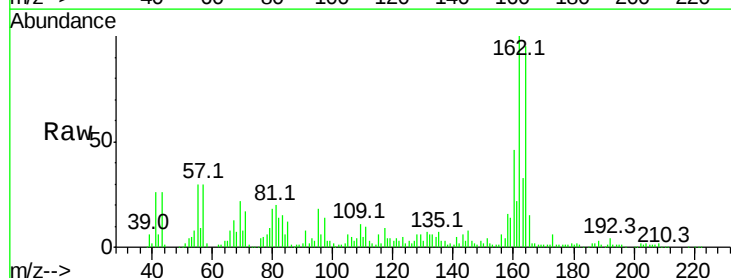
Instrument :
BNA_F
ClientSampleId :
IGW-5DL

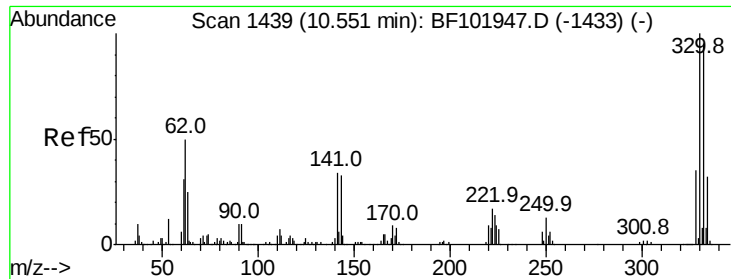
Tot Ion:142 Resp: 855581
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2
115 34.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF102188.D
Acq: 18 Jan 2018 9:29

Tgt Ion:164 Resp: 210070
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 47.9 38.3 57.5

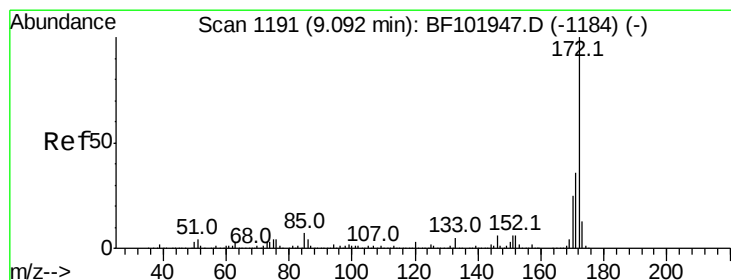
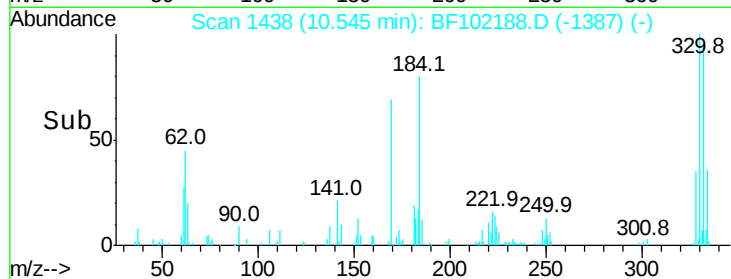
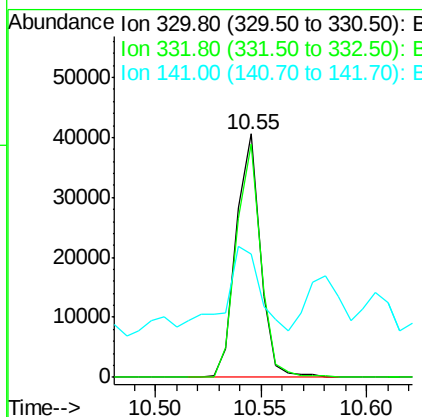
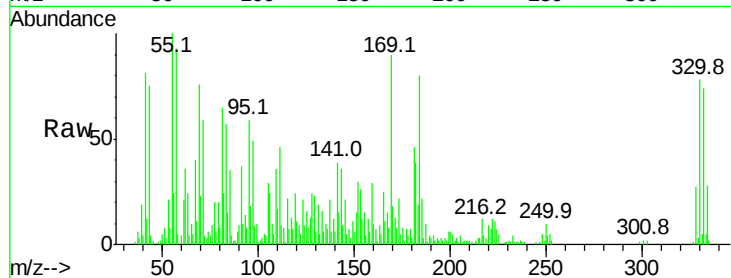




#41
 2,4,6-Tribromophenol
 Concen: 17.504 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102188.D
 Acq: 18 Jan 2018 9:29

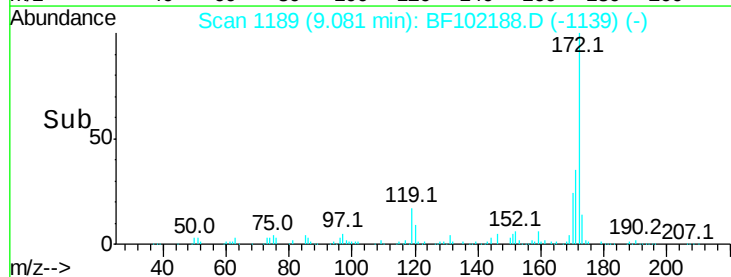
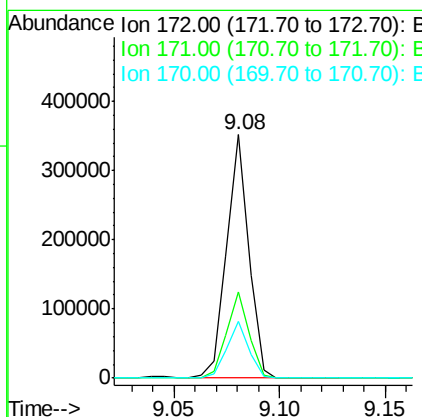
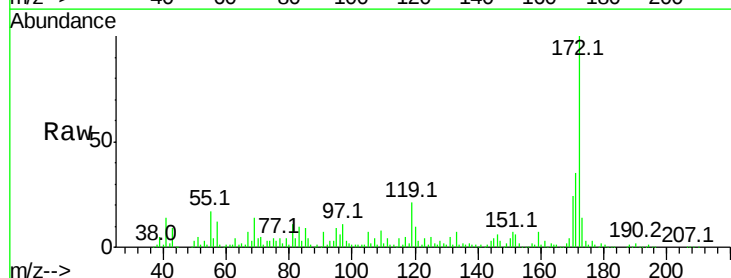
Instrument :
 BNA_F
 ClientSampled :
 IGW-5DL

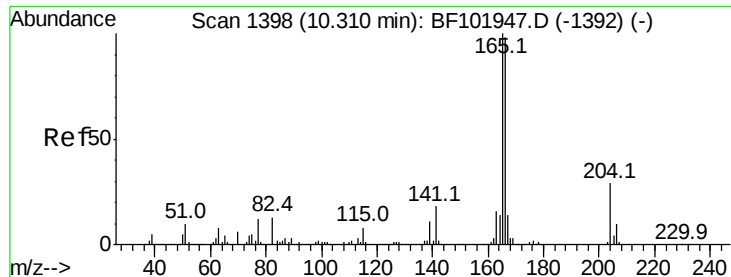
Tot Ion:330 Resp: 32090
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 47.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 18.826 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102188.D
 Acq: 18 Jan 2018 9:29

Tgt Ion:172 Resp: 253137
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.5 19.6 29.4

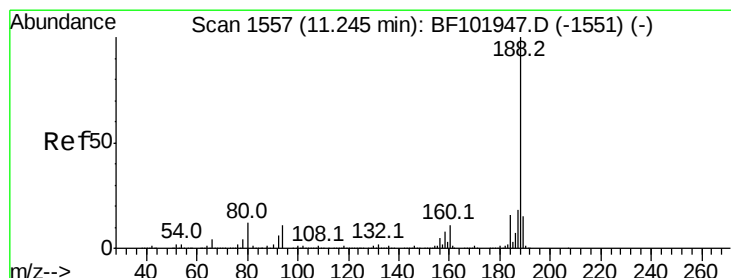
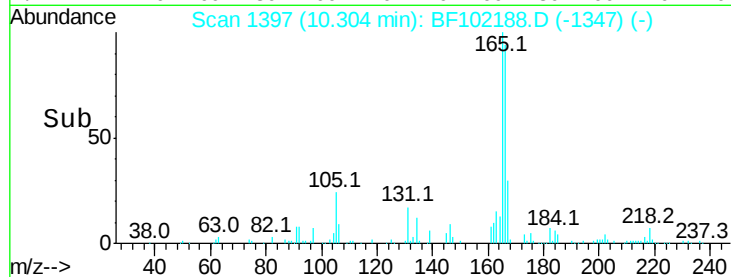
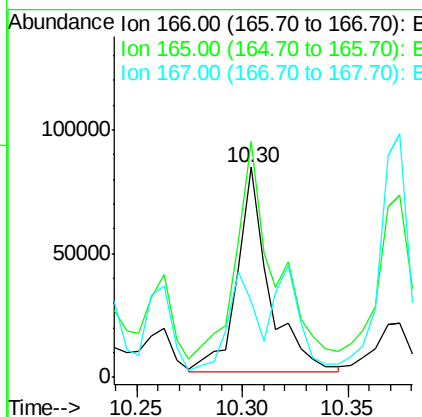
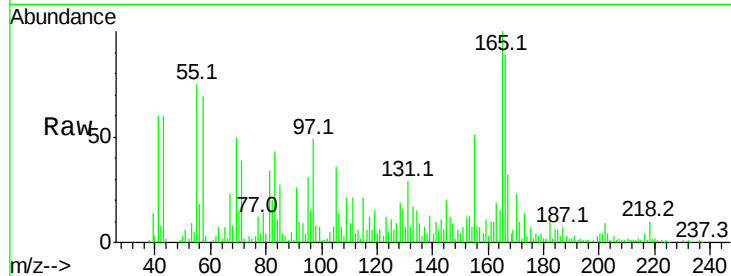




#57
Fluorene
 Concen: 6.564 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF102188.D
 Acq: 18 Jan 2018 9:29

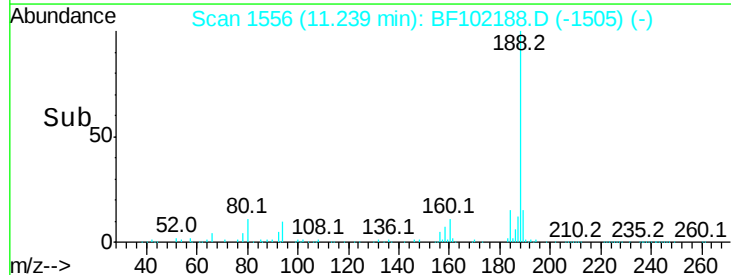
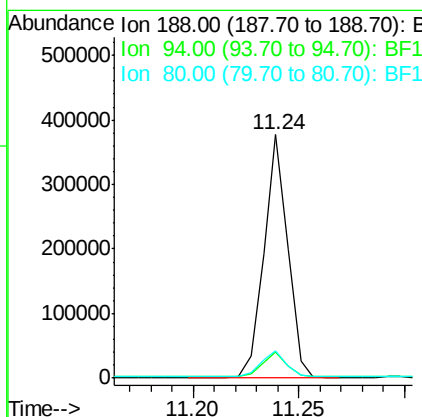
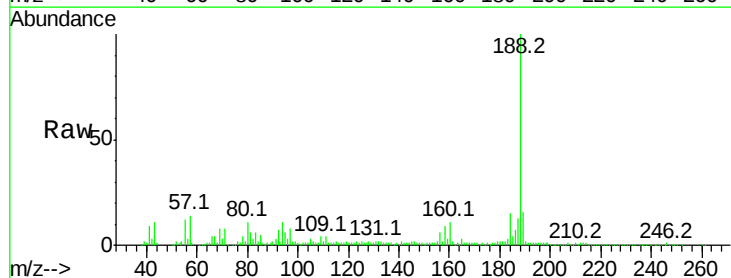
Instrument :
 BNA_F
 ClientSampleId :
 IGW-5DL

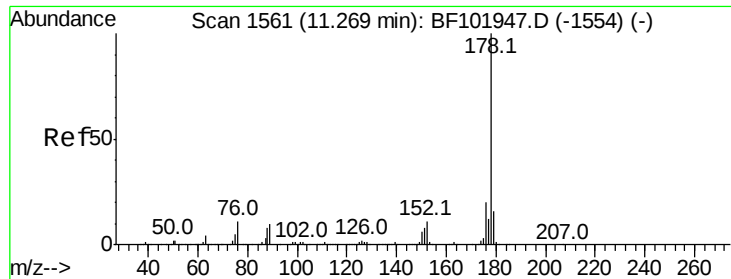
Tot Ion:166 Resp: 86372
 Ion Ratio Lower Upper
 166 100
 165 112.6 79.8 119.8
 167 36.3 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF102188.D
 Acq: 18 Jan 2018 9:29

Tgt Ion:188 Resp: 293954
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.3 9.2 13.8





#70

Phenanthrene

Concen: 8.527 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF102188.D

Acq: 18 Jan 2018 9:29

Instrument :

BNA_F

ClientSampleId :

IGW-5DL

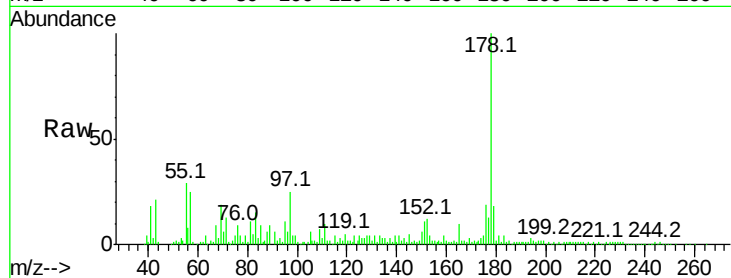
Tot Ion:178 Resp: 146424

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

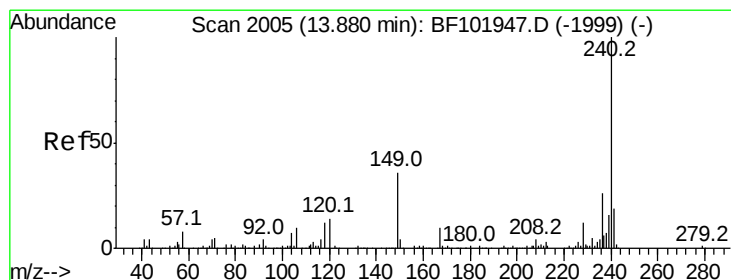
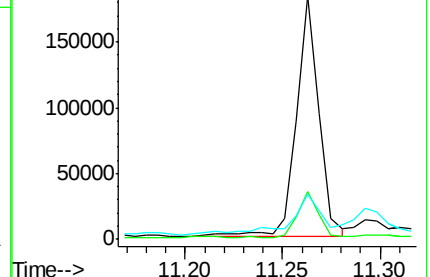
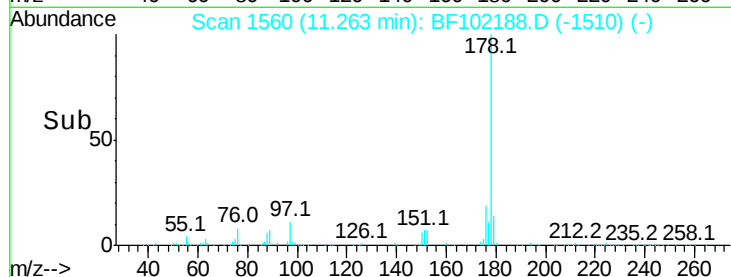
179 18.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102188.D

Acq: 18 Jan 2018 9:29

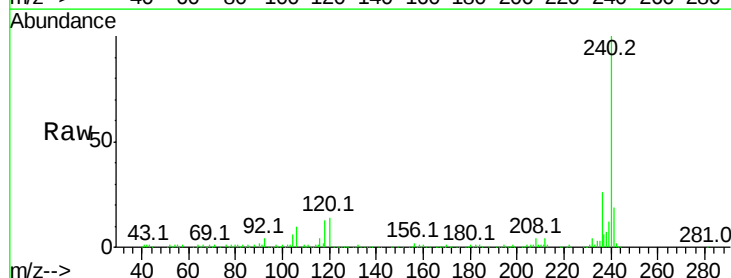
Tgt Ion:240 Resp: 242892

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

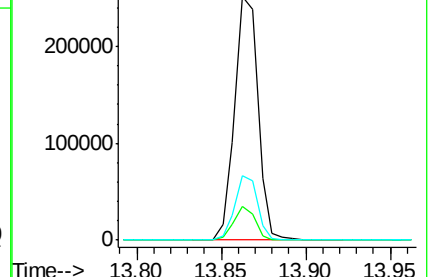
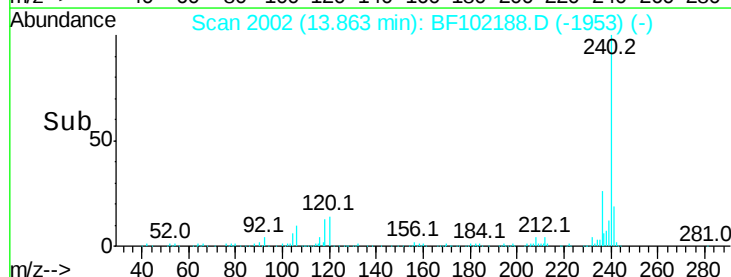
236 26.3 20.7 31.1

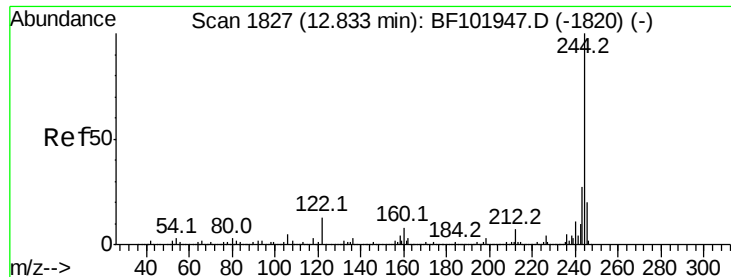


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 13.537 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102188.D

Acq: 18 Jan 2018 9:29

Instrument :

BNA_F

ClientSampleId :

IGW-5DL

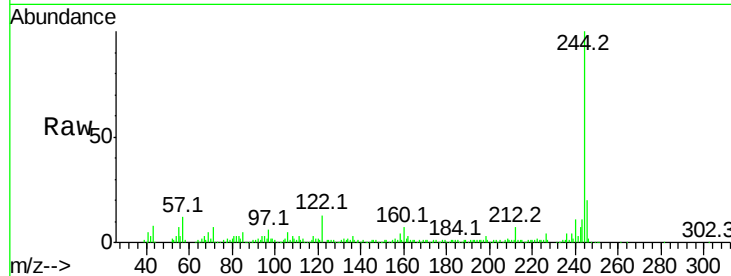
Tot Ion:244 Resp: 158363

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

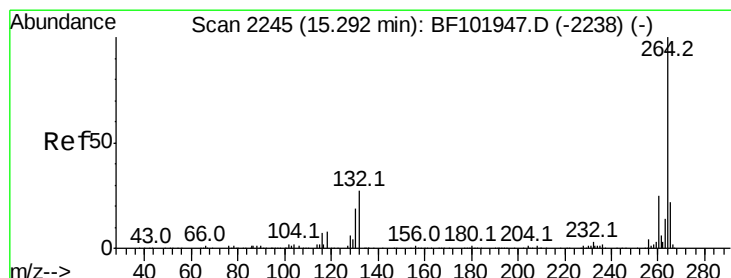
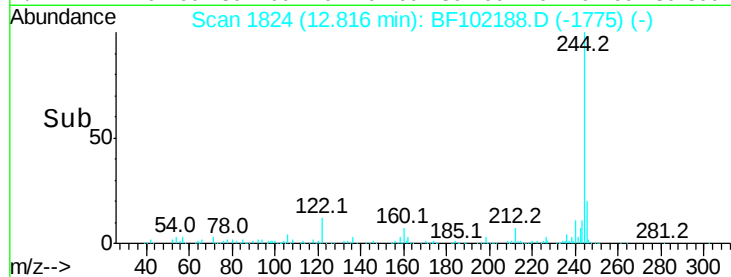
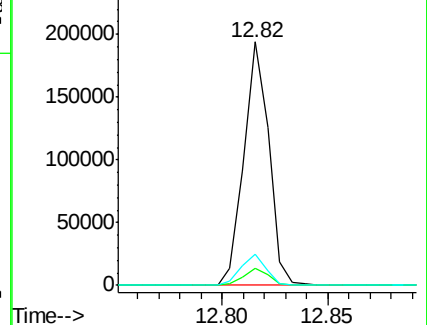
122 12.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102188.D

Acq: 18 Jan 2018 9:29

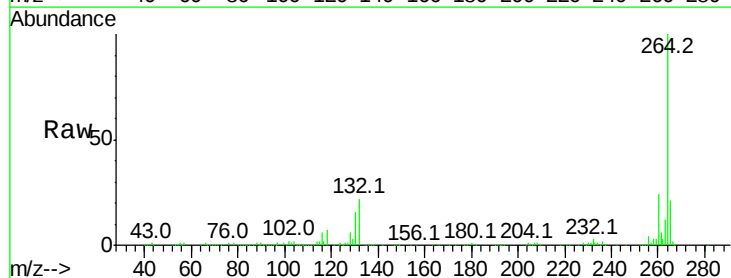
Tgt Ion:264 Resp: 241255

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

